IN THE CLAIMS

Please amend the claims as follows:

1. (original) A driver for driving a light generator for generating light, comprising a digital-to-analog converter (DAC) having a data input, a data output for generating an analog signal, characterized in that the driver further comprises a first multiplexer (MUX1) for cyclic selection of a number of data levels corresponding to desired intensity levels of the light and for coupling the data levels to the data input; a de-multiplexer (DE-MUX) synchronized with the first multiplexer (MUX1) for de-multiplexing the analog signal into a set of analog signals; memory means for temporarily storing the set of analog signals; and a second multiplexer (MUX2) for selection of the stored set of analog signals and for generating a drive signal (I_L) for the light generator.

2. (original) A driver according to claim 1, characterized in that the memory means is implemented by a set of capacitors (C1 - C8).

3. (currently amended) A driver according to claim 1 ~~or 2~~, characterized in that the light generator is implemented by a laser (L_S).

4. (original) A driver according to claim 3, characterized in that the data input of the digital-to-analog converter comprises a threshold data input part; a delta data input part; a threshold gain reference input associated with the threshold data input part; and a delta gain reference input associated with the delta data input part.

5. (currently amended) An optical recording apparatus comprising a driver as claimed in ~~any of the preceding claims~~claim 1.

6. (original) A method for driving a light generator for generating light, comprising the steps of:

- cyclic multiplexing a number of data levels corresponding to desired intensity levels of the light,
- converting the cyclic multiplexed data level into an analog signal,
- de-multiplexing the analog signal into a set of analog signals in synchronization with the multiplexing of the number of data levels,
- temporarily storing the set of analog signals, and
- selecting the stored set of analog signals for generating a drive signal for the light generator.